

TECHNICAL DATA SHEET

FOME FLEX HYDRO DEFENCE ALL SEASON PRIMER



One-component bituminous primer for priming concrete surfaces before applying various bituminous waterproofing coatings. The primer is slightly modified with synthetic rubber and special additives that allow it to penetrate deeply into the base and strengthen it. The bituminous mixture can be used on slightly damp substrates, as well as on metal surfaces for corrosion protection. Suitable for use in all seasons.

BENEFITS

- quick drying - one layer up to 12 hours
- increase adhesion of the surfaces
- compatible with bituminous and mineral substrates
- good substrate penetration
- can be applied on humid substrates
- ready to use
- resistant for weak acids and bases

APPLICATION

- asphalt-rubber primer is intended for creating light type jointless, anti-humidity and anti-water coatings on vertical and horizontal surfaces of concrete elements
- priming cement concrete substrates for bitumen roof and foundation coverings (Self-adhesive bitumen felt and thermoweldable roofing paper, bituminous mastics, roof coatings)
- the product can be used for corrosion protection of metal surfaces of bridge objects equipment

NORMS / ATESTS / CERTIFICATES

The product meets requirements of:

PN-B-24620:1998

PN-B-24620:1998/Az1:2004

The product has:

National Technical Assessment No. IBDiM-KOT-2021/0737 Edition 1

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Uncured - tested at 23 °C and 50% relative humidity	Value
Density [g/cm ³]	0,95 - 1,05
Consumption for 1 layer [kg/m ²]	0,2 - 0,4
Drying time [h]	<12
Solid Content [%]	50 - 70
Viscosity, Flow Cup No. 6 [s]	60 - 120
Number of layers - priming	1
Colour	Value
Black	+
Appearance	Value
Consistency: liquid	+
Cured - tested after 2 weeks at 50% RH	Value
Temperature resistance after curing [°C]	-30 ... +90
Adhesion to surface	Value
Concrete	+
Metal surfaces	+
Bituminous paper	+
Bituminous coverings	+
Bituminous shingles	+
Bituminous compounds	+
Conditions of application	Value
Application temperature [°C]	-20 ... +35
Chemical resistance	Value
Water (the product is not designed for permanent immersion under water)	+
Weak acids and bases	+

METHOD OF USE

Prior to application, read safety instruction presented in MSDS.

Surface preparation

The surface should be clean and even, dry, free of grease, oil, rust and other particles reducing adhesion, also without build-ups and mechanical damage.

Application

Primer should be applied by brush, paint roller. Mix well before use. Apply 1 coat, coverage approx. 0.2 kg/m². Uneven surfaces can increase consumption. The works should be performed in good weather, at the ambient and the surface temperature between + 5o C and + 35o C. The product can be used at minus temperatures, but it must be at room temperature (kept for 1-2 days in a heated room).

Works after completion of application

Clean tools with bituminous cleaner or organic solvent.

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Remarks / restriction

When working, wear protective clothes, goggles and gloves.

DO NOT WASH HANDS WITH SOLVENTS.

The product contains organic solvent and should not be used indoors or outdoors in places having direct contact with residential zone, e.g. on balconies and terraces above ground level.

Avoid contact with tar and paper tar.

Do not use in contact with polystyrene foam.

Products is not intended both for food contact and medical applications. The products has not been tested nor submitted for acceptance tests and medical applications pharmaceutical.

Do not heat.

Do not use on building elements exposed to negative water vapour pressure (negative water vapour pressure), which may lead to detachment of the insulation or formation of blisters in the completed coating.

The completed coating should not be subjected to rope or point loads, as this may break the continuity of the insulation.

Recommended to conduct tests in an inconspicuous area.

REMARKS / RESTRICTION

All given parameters are based on laboratory tests compliant with internal manufacturer's standards and strongly depend on product hardening conditions (c.a., ambient, surface temperature, quality of used equipment and skills of person applying the product).

TRANSPORT / STORAGE

Product is packaged in 18 kg and 9 kg pails. Store up to 18 months in originally sealed containers. Containers should be stored upright away from sources of fire and heating elements, in conditions which protect them from sunlight and weather. Can be stored at sub-zero temperatures.

Allowable negative transport and storage temperature of -30 °C for a continuous period of 5 weeks. Allow 4 cycles of freezing and thawing at the allowable negative temperature.

SAFETY AND HEALTH PRECAUTIONS

For detailed information find Material Safety Data Sheet available at producer upon request. All written or oral information, recommendations and instructions are given according to our best knowledge, tests and experience, in good faith and in compliance with manufacturer's principles. Each user of this material will make sure in every possible way, including verification of the final product in proper conditions, about suitability of the supplied materials for their intended purposes. The manufacturer is not liable for any losses incurred due to inaccurate or erroneous application of the manufacturer's materials.